



PATENT

Our Docket: P-PM 4097

#221D
5-14-03
Donne

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
Targan et al.)
Serial No: 09/575,061)
Filed: May 19, 2000)
For: DIAGNOSIS, PREVENTION)
AND TREATMENT OF CROHN'S)
DISEASE USING THE OmpC)
ANTIGEN)

Examiner: G. Gabel
Confirmation No.: 1578
Group Art Unit: 1641

I hereby certify that this correspondence is
being deposited with the United States
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P.O. Box 1450, Alexandria, VA 22313-1450,
on May 7, 2003.

By Pamela M. Guy
Pamela M. Guy, Reg. No. 51,228

May 7, 2003
Date of Signature

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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RESPONSE TO OFFICE ACTION

Responsive to the Office Action mailed January 7, 2003,
entry of the following amendments and remarks is respectfully
requested.

AMENDMENTS

3. (Amended) A method of diagnosing Crohn's disease
in a subject, comprising the steps of:

(a) contacting a sample from a subject suspected of
having inflammatory bowel disease with an OmpC antigen, or
reactive fragment thereof, under conditions suitable to form a
complex of the OmpC antigen, or reactive fragment thereof, and
IgA antibody to the OmpC antigen, wherein said OmpC antigen
comprises substantially the amino acid sequence of SEQ ID NO: 1;

(b) contacting said complex with a labeled anti-IgA
antibody to form a labeled complex; and